

# N Mariano Correa

## List of Publications by Year in descending order

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131  
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109321

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149698

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134  
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134  
docs citations

134  
times ranked

2284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonaqueous Polar Solvents in Reverse Micelle Systems. Chemical Reviews, 2012, 112, 4569-4602.	47.7	228
2	When Is Water Not Water? Exploring Water Confined in Large Reverse Micelles Using a Highly Charged Inorganic Molecular Probe. Journal of the American Chemical Society, 2006, 128, 12758-12765.	13.7	181
3	Kinetics of reactions catalyzed by enzymes in solutions of surfactants. Advances in Colloid and Interface Science, 2008, 136, 1-24.	14.7	153
4	Micropolarity of Reverse Micelles of Aerosol-OT in n-Hexane. Journal of Colloid and Interface Science, 1995, 172, 71-76.	9.4	129
5	What Can You Learn from a Molecular Probe? New Insights on the Behavior of C343 in Homogeneous Solutions and AOT Reverse Micelles. Journal of Physical Chemistry B, 2006, 110, 13050-13061.	2.6	114
6	A Mild and Versatile Method for Palladium-Catalyzed Cross-Coupling of Aryl Halides in Water and Surfactants. European Journal of Organic Chemistry, 2003, 2003, 4080-4086.	2.4	111
7	Properties of AOT Aqueous and Nonaqueous Microemulsions Sensed by Optical Molecular Probes. Langmuir, 2000, 16, 3070-3076.	3.5	106
8	Acid-Base and Aggregation Processes of Acridine Orange Base in n-Heptane/AOT/Water Reverse Micelles. Langmuir, 2002, 18, 2039-2047.	3.5	102
9	Micropolarity of Reversed Micelles: Comparison between Anionic, Cationic, and Nonionic Reversed Micelles. Journal of Colloid and Interface Science, 1996, 184, 570-578.	9.4	86
10	New Insights on the Behavior of PRODAN in Homogeneous Media and in Large Unilamellar Vesicles. Journal of Physical Chemistry B, 2006, 110, 11838-11846.	2.6	85
11	New Insights on the Photophysical Behavior of PRODAN in Anionic and Cationic Reverse Micelles: From Which State or States Does It Emit?. Journal of Physical Chemistry B, 2007, 111, 748-759.	2.6	75
12	Cationic Reverse Micelles Create Water with Super Hydrogen-Bond Donor Capacity for Enzymatic Catalysis: Hydrolysis of 2-Naphthyl Acetate by $\pm$ -Chymotrypsin. Chemistry - A European Journal, 2010, 16, 8887-8893.	3.3	75
13	Effect of the Addition of a Nonaqueous Polar Solvent (Glycerol) on Enzymatic Catalysis in Reverse Micelles. Hydrolysis of 2-Naphthyl Acetate by $\pm$ -Chymotrypsin. Langmuir, 2004, 20, 5732-5737.	3.5	69
14	On the Formation of New Reverse Micelles: A Comparative Study of Benzene/Surfactants/Ionic Liquids Systems Using UV-Visible Absorption Spectroscopy and Dynamic Light Scattering. Langmuir, 2009, 25, 10426-10429.	3.5	67
15	What are the factors that control non-aqueous/AOT/n-heptane reverse micelle sizes? A dynamic light scattering study. Physical Chemistry Chemical Physics, 2009, 11, 11096.	2.8	67
16	A Unique Ionic Liquid with Amphiphilic Properties That Can Form Reverse Micelles and Spontaneous Unilamellar Vesicles. Chemistry - A European Journal, 2012, 18, 15598-15601.	3.3	61
17	An Example of How to Use AOT Reverse Micelle Interfaces to Control a Photoinduced Intramolecular Charge-Transfer Process. Langmuir, 2008, 24, 4637-4646.	3.5	59
18	FTIR and $^1\text{H}$ NMR Studies of the Solubilization of Pure and Aqueous 1,2-Ethanediol in the Reverse Aggregates of Aerosol-OT. Langmuir, 2000, 16, 5573-5578.	3.5	56

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19	The use of acridine orange base (AOB) as molecular probe to characterize nonaqueous AOT reverse micelles. <i>Journal of Colloid and Interface Science</i> , 2006, 296, 356-364.	9.4	52
20	Solvent Blends Can Control Cationic Reversed Micellar Interdroplet Interactions. The Effect of <i>n</i> -Heptane:Benzenes Mixture on BHDC Reversed Micellar Interfacial Properties: Droplet Sizes and Micropolarity. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12076-12084.	2.6	52
21	Preparation of AgBr Quantum Dots via Electroporation of Vesicles. <i>Journal of the American Chemical Society</i> , 2000, 122, 6432-6434.	13.7	49
22	Real Structure of Formamide Entrapped by AOT Nonaqueous Reverse Micelles: FT-IR and <sup>1</sup> H NMR Studies. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21209-21219.	2.6	48
23	AOT reverse micelles as versatile reaction media for chitosan nanoparticles synthesis. <i>Carbohydrate Polymers</i> , 2017, 171, 85-93.	10.2	48
24	Effect of the Constrained Environment on the Interactions between the Surfactant and Different Polar Solvents Encapsulated within AOT Reverse Micelles. <i>ChemPhysChem</i> , 2009, 10, 2034-2040.	2.1	43
25	Exploratory Study of the Effect of Polar Solvents upon the Partitioning of Solutes in Nonaqueous Reverse Micellar Solutions. <i>Langmuir</i> , 2003, 19, 2067-2071.	3.5	42
26	Binding of Nitrodiphenylamines to Reverse Micelles of AOT in Hexane and Carbon Tetrachloride: Solvent and Substituent Effects. <i>Journal of Colloid and Interface Science</i> , 1998, 208, 96-103.	9.4	41
27	Characterization of Multifunctional Reverse Micelles' Interfaces Using Hemicyanines as Molecular Probes. II: Effect of the Surfactant. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6718-6724.	2.6	40
28	Interfacial water with special electron donor properties: Effect of water's surfactant interaction in confined reversed micellar environments and its influence on the coordination chemistry of a copper complex. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 124-130.	9.4	40
29	Influence of Anionic and Cationic Reverse Micelles on Nucleophilic Aromatic Substitution Reaction between 1-Fluoro-2,4-dinitrobenzene and Piperidine. <i>Journal of Organic Chemistry</i> , 2000, 65, 6427-6433.	3.2	39
30	Catalysis in Micellar Media. Kinetics and Mechanism for the Reaction of 1-Fluoro-2,4-dinitrobenzene with <i>n</i> -Butylamine and Piperidine in Hexane and AOT/ <i>n</i> -Hexane/Water Reverse Micelles. <i>Journal of Organic Chemistry</i> , 1999, 64, 5757-5763.	3.2	38
31	Layered Structure of Room-Temperature Ionic Liquids in Microemulsions by Multinuclear NMR Spectroscopic Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 6837-6846.	3.3	38
32	Enzymatic Hydrolysis of <i>N</i> -Benzoyl-L-Tyrosine <i>p</i> -Nitroanilide by $\pm$ -Chymotrypsin in DMSO-Water/AOT/ <i>n</i> -Heptane Reverse Micelles. A Unique Interfacial Effect on the Enzymatic Activity. <i>Langmuir</i> , 2013, 29, 8245-8254.	3.5	37
33	On the Investigation of the Droplet-Droplet Interactions of Sodium 1,4-Bis(2-ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2095-2102.	2.0	36
34	How the cation 1-butyl-3-methylimidazolium impacts the interaction between the entrapped water and the reverse micelle interface created with an ionic liquid-like surfactant. <i>Soft Matter</i> , 2016, 12, 830-844.	2.7	36
35	Comparison between Two Anionic Reverse Micelle Interfaces: The Role of Water's Surfactant Interactions in Interfacial Properties. <i>ChemPhysChem</i> , 2012, 13, 115-123.	2.1	35
36	Molecular Dynamics Simulation of Water/BHDC Cationic Reverse Micelles. Structural Characterization, Dynamical Properties, and Influence of Solvent on Intermicellar Interactions. <i>Langmuir</i> , 2014, 30, 9643-9653.	3.5	35

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37	Binding of nitroanilines to reverse micelles of AOT n-hexane. <i>Journal of Molecular Liquids</i> , 1997, 72, 163-176.	4.9	34
38	Solubilization of Pure and Aqueous 1,2,3-Propanetriol by Reverse Aggregates of Aerosolâˆ™OT in Isooctane Probed by FTIR and <sup>1</sup> H NMR Spectroscopy. <i>Langmuir</i> , 2001, 17, 1847-1852.	3.5	33
39	The effect of different interfaces and confinement on the structure of the ionic liquid 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide entrapped in cationic and anionic reverse micelles. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3460.	2.8	33
40	Ionic Liquids Entrapped in Reverse Micelles as Nanoreactors for Bimolecular Nucleophilic Substitution Reaction. Effect of the Confinement on the Chloride Ion Availability. <i>Langmuir</i> , 2014, 30, 12130-12137.	3.5	33
41	Inhibited Phenol Ionization in Reverse Micelles: Confinement Effect at the Nanometer Scale. <i>ChemPhysChem</i> , 2012, 13, 124-130.	2.1	31
42	PRODAN Dual Emission Feature To Monitor BHDC Interfacial Properties Changes with the External Organic Solvent Composition. <i>Langmuir</i> , 2013, 29, 3556-3566.	3.5	31
43	A New Organized Media: Glycerol:N,N-Dimethylformamide Mixtures/AOT/n-Heptane Reversed Micelles. The Effect of Confinement on Preferential Solvation. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5894-5902.	2.6	30
44	Role of micellar interface in the synthesis of chitosan nanoparticles formulated by reverse micellar method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124876.	4.7	30
45	On the investigation of the bilayer functionalities of 1,2-di-oleoyl-sn-glycero-3-phosphatidylcholine (DOPC) large unilamellar vesicles using cationic hemicyanines as optical probes: A wavelength-selective fluorescence approach. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 332-345.	9.4	29
46	Substituent Effects on Binding Constants of Carotenoids to n-Heptane/AOT Reverse Micelles. <i>Journal of Colloid and Interface Science</i> , 2001, 240, 573-580.	9.4	28
47	Electrochemistry in AOT Reverse Micelles. A Powerful Technique To Characterize Organized Media. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4269-4276.	3.1	28
48	Reverse Micellar Aggregates: Effect on Ketone Reduction. 2. Surfactant Role. <i>Journal of Organic Chemistry</i> , 2004, 69, 8231-8238.	3.2	27
49	Distribution of amines in water/AOT/n-hexane reverse micelles: influence of the amine chemical structure. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 245-252.	9.4	27
50	Electroporation of Unilamellar Vesicles Studied by Using a Pore-Mediated Electron-Transfer Reaction. <i>Langmuir</i> , 1998, 14, 5802-5805.	3.5	26
51	Role of the Medium on the C343 Inter/Intramolecular Hydrogen Bond Interactions. An Absorption, Emission, and <sup>1</sup> H NMR Investigation of C343 in Benzene/n-Heptane Mixtures. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7326-7330.	2.5	26
52	More Evidence on the Control of Reverse Micelles Sizes. Combination of Different Techniques as a Powerful Tool to Monitor AOT Reversed Micelles Properties. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3818-3828.	2.6	26
53	The impact of the polar core size and external organic media composition on micelle-micelle interactions: the effect on gold nanoparticle synthesis. <i>New Journal of Chemistry</i> , 2015, 39, 8887-8895.	2.8	26
54	Gold nanoparticles stabilized with sulphonated imidazolium salts in water and reverse micelles. <i>Royal Society Open Science</i> , 2017, 4, 170481.	2.4	26

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55	Dynamics of Electroporation of Synthetic Liposomes Studied Using a Pore-Mediated Reaction, Ag <sup>++</sup> Br <sup>-</sup> AgBr. Journal of Physical Chemistry B, 1998, 102, 9319-9322.	2.6	25
56	Characterization of Multifunctional Reverse Micelles <sup>™</sup> Interfaces Using Hemicyanines as Molecular Probes. I. Effect of the Hemicyanines <sup>™</sup> Structure. Journal of Physical Chemistry B, 2009, 113, 4284-4292.	2.6	25
57	Effect of the Cationic Surfactant Moiety on the Structure of Water Entrapped in Two Catanionic Reverse Micelles Created from Ionic Liquid <sup>™</sup> -Like Surfactants. ChemPhysChem, 2014, 15, 3097-3109.	2.1	24
58	Use of Ionic Liquids-like Surfactants for the Generation of Unilamellar Vesicles with Potential Applications in Biomedicine. Langmuir, 2019, 35, 13332-13339.	3.5	23
59	Singularities in the physicochemical properties of spontaneous AOT-BHD unilamellar vesicles in comparison with DOPC vesicles. Physical Chemistry Chemical Physics, 2015, 17, 17112-17121.	2.8	21
60	Unique catanionic vesicles as a potential "Nano-Taxi" for drug delivery systems. In vitro and in vivo biocompatibility evaluation. RSC Advances, 2017, 7, 5372-5380.	3.6	21
61	Reverse Micellar Aggregates: Effect on Ketone Reduction. 1. Substrate Role. Journal of Organic Chemistry, 2004, 69, 8224-8230.	3.2	20
62	An Interesting Case Where Water Behaves as a Unique Solvent. 4-Aminophthalimide Emission Profile to Monitor Aqueous Environment. Journal of Physical Chemistry B, 2013, 117, 2160-2168.	2.6	20
63	Electron donor ionic liquids entrapped in anionic and cationic reverse micelles. Effects of the interface on the ionic liquid <sup>™</sup> -surfactant interactions. Physical Chemistry Chemical Physics, 2013, 15, 16746.	2.8	20
64	"Green Electrodes" Modified with Au Nanoparticles Synthesized in Glycerol, as Electrochemical Nitrite Sensor. Electroanalysis, 2015, 27, 1883-1891.	2.9	19
65	The use of two non-toxic lipophilic oils to generate environmentally friendly anionic reverse micelles without cosurfactant. Comparison with the behavior found for traditional organic non-polar solvents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 354-362.	4.7	18
66	A protic ionic liquid, when entrapped in cationic reverse micelles, can be used as a suitable solvent for a bimolecular nucleophilic substitution reaction. Organic and Biomolecular Chemistry, 2016, 14, 3170-3177.	2.8	18
67	On the Possibility That Cyclodextrins' Chiral Cavities Can Be Available on AOT n-Heptane Reverse Micelles. A UV-Visible and Induced Circular Dichroism Study. Journal of Physical Chemistry B, 2007, 111, 10703-10712.	2.6	17
68	How TOPO affects the interface of the novel mixed water/AOT:TOPO/n-heptane reverse micelles: dynamic light scattering and Fourier transform infrared spectroscopy studies. Physical Chemistry Chemical Physics, 2014, 16, 15457-15468.	2.8	17
69	Supramolecular Assemblies Obtained by Mixing Different Cyclodextrins and AOT or BHDC Reverse Micelles. Langmuir, 2014, 30, 3354-3362.	3.5	17
70	Droplet-droplet interactions investigated using a combination of electrochemical and dynamic light scattering techniques. The case of water/BHDC/benzene:n-heptane system. Soft Matter, 2015, 11, 2952-2962.	2.7	17
71	Improvement of the amphiphilic properties of a dialkyl phosphate by creation of a protic ionic liquid-like surfactant. RSC Advances, 2017, 7, 44743-44750.	3.6	17
72	Non-aqueous reverse micelles media for the SNAr reaction between 1-fluoro-2,4-dinitrobenzene and piperidine. Journal of Physical Organic Chemistry, 2006, 19, 805-812.	1.9	16

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73	An Alternative Approach to Quantify Partition Processes in Confined Environments: The Electrochemical Behavior of PRODAN in Unilamellar Vesicles. <i>ChemPhysChem</i> , 2010, 11, 236-244.	2.1	16
74	Electrochemistry in large unilamellar vesicles. The distribution of 1-naphthol studied by square wave voltammetry. <i>Electrochimica Acta</i> , 2011, 56, 10231-10237.	5.2	16
75	Interfacial properties modulated by the water confinement in reverse micelles created by the ionic liquid-like surfactant bmim-AOT. <i>Soft Matter</i> , 2019, 15, 947-955.	2.7	16
76	Biocompatible Solvents and Ionic Liquid-Based Surfactants as Sustainable Components to Formulate Environmentally Friendly Organized Systems. <i>Polymers</i> , 2021, 13, 1378.	4.5	15
77	Effect of Confinement on the Properties of Sequestered Mixed Polar Solvents: Enzymatic Catalysis in Nonaqueous 1,4-bis(2-ethylhexylsulfosuccinate) Reverse Micelles. <i>ChemPhysChem</i> , 2016, 17, 1678-1685.	2.1	13
78	Piroxicam-loaded nanostructured lipid carriers gel: Design and characterization by square wave voltammetry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125396.	4.7	13
79	Comparative Study of the Photophysical Behavior of Fisetin in Homogeneous Media and in Anionic and Cationic Reverse Micelles Media. <i>Photochemistry and Photobiology</i> , 2007, 83, 486-493.	2.5	12
80	How the Type of Cosurfactant Impacts Strongly on the Size and Interfacial Composition in Gemini 12-2-12 RMs Explored by DLS, SLS, and FTIR Techniques. <i>Journal of Physical Chemistry B</i> , 2016, 120, 467-476.	2.6	12
81	Influence of the AOT Counterion Chemical Structure on the Generation of Organized Systems. <i>Langmuir</i> , 2020, 36, 10785-10793.	3.5	12
82	Characterization of different reverse micelle interfaces using the reaction of 4-fluoro-3-nitrobenzoate with piperidine. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 121-127.	1.9	11
83	Combination of a protic ionic liquid-like surfactant and biocompatible solvents to generate environmentally friendly anionic reverse micelles. <i>New Journal of Chemistry</i> , 2019, 43, 10398-10404.	2.8	11
84	Cationic nanocarriers as a potential vehicle for insulin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110759.	5.0	11
85	Water-soluble gold nanoparticles: recyclable catalysts for the reduction of aromatic nitro compounds in water. <i>RSC Advances</i> , 2020, 10, 15065-15071.	3.6	11
86	The hydrolysis of phenyl trifluoroacetate in AOT/n-heptane RMs as a sensor of the encapsulated water structure. <i>RSC Advances</i> , 2015, 5, 34878-34884.	3.6	10
87	On the characterization of NaDEHP/n-heptane nonaqueous reverse micelles: the effect of the polar solvent. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7002-7011.	2.8	10
88	Micropolarity and Hydrogen Bond Donor Ability of Environmentally Friendly Anionic Reverse Micelles Explored by UV/Vis Absorption of a Molecular Probe and FTIR Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 759-765.	2.1	10
89	Study of lipid peroxidation and ascorbic acid protective role in large unilamellar vesicles from a new electrochemical performance. <i>Bioelectrochemistry</i> , 2018, 120, 120-126.	4.6	10
90	Structural Characterization of Biocompatible Reverse Micelles Using Small-Angle X-ray Scattering, <sup>31</sup> P Nuclear Magnetic Resonance, and Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4366-4375.	2.6	10



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91	Nanoscale Control Over Interfacial Properties in Mixed Reverse Micelles Formulated by Using Sodium 1,4-bis(2-ethylhexyl)sulfosuccinate and Tri-n-Octyl Phosphine Oxide Surfactants. <i>ChemPhysChem</i> , 2016, 17, 2407-2414.	2.1	9
92	Binding of o-nitroaniline to nonaqueous AOT reverse micelles. <i>Arkivoc</i> , 2011, 2011, 369-379.	0.5	9
93	Gold nanoparticles covalently assembled onto vesicle structures as possible biosensing platform. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 655-663.	2.8	8
94	Spontaneous catanionic vesicles formed by the interaction between an anionic $\beta$ -cyclodextrins derivative and a cationic surfactant. <i>RSC Advances</i> , 2018, 8, 12535-12539.	3.6	8
95	Gold Nanoparticles Stabilized by Sulfonatedimidazolium Salts as Promising Catalyst in Water. <i>ChemistrySelect</i> , 2019, 4, 13496-13502.	1.5	8
96	Determining the substrate permeability through the bilayer of large unilamellar vesicles of DOPC. A kinetic study. <i>RSC Advances</i> , 2016, 6, 62594-62601.	3.6	7
97	Properties of AOT reverse micelle interfaces with different polar solvents. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 580-585.	1.9	7
98	Determination of Benzyl-hexadecyldimethylammonium 1,4-Bis(2-ethylhexyl)sulfosuccinate Vesicle Permeability by Using Square Wave Voltammetry and an Enzymatic Reaction. <i>Langmuir</i> , 2017, 33, 12080-12086.	3.5	7
99	Modified reverse micelle method as facile way to obtain several gold nanoparticle morphologies. <i>Journal of Molecular Liquids</i> , 2021, 331, 115709.	4.9	7
100	C343 behavior in benzene/AOT reverse micelles. The role of the dye solubilization in the non-polar organic pseudophase. <i>Dyes and Pigments</i> , 2012, 95, 290-295.	3.7	6
101	Square Wave Voltammetry: An Alternative Technique to Determinate Piroxicam Release Profiles from Nanostructured Lipid Carriers. <i>ChemPhysChem</i> , 2016, 17, 2322-2328.	2.1	6
102	Subtleties of catanionic surfactant reverse micelle assemblies revealed by a fluorescent molecular probe. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 044001.	2.3	6
103	Supramolecular Systems as an Alternative for Enzymatic Degradation of 1-Naphthyl Methylcarbamate (Carbaryl) Pesticide. <i>ChemistrySelect</i> , 2019, 4, 7204-7210.	1.5	6
104	Interfacial Dynamics and Its Relations with $\gamma$ -Negative Surface Viscosities Measured at Water-Air Interfaces Covered with a Cationic Surfactant. <i>Langmuir</i> , 2019, 35, 8333-8343.	3.5	6
105	Catanionic Reverse Micelles as an Optimal Microenvironment To Alter the Water Electron Donor Capacity in a $S_N2$ Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 1185-1191.	3.2	6
106	Imim-DEHP reverse micelles investigated with two molecular probes reveals how are the interfacial properties and the coordination behavior of the surfactant. <i>Journal of Molecular Liquids</i> , 2020, 313, 113592.	4.9	6
107	Amphiphilic ionic liquids as sustainable components to formulate promising vesicles to be used in nanomedicine. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 26, 100382.	5.9	6
108	A Kinetic Study of the Photodynamic Effect on Tryptophan Methyl Ester and Tryptophan Octyl Ester in DOPC Vesicles. <i>Photochemistry and Photobiology</i> , 2010, 86, 96-103.	2.5	5

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109	Electrochemical and photophysical behavior of 1-naphthol in benzyl-n-hexadecyldimethylammonium 1,4-bis(2-ethylhexyl)sulfosuccinate large unilamellar vesicles. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15645-15653.	2.8	5
110	Non-aqueous reverse micelles created with a cationic surfactant: Encapsulating ethylene glycol in BHDC/non-polar solvent blends. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 467-473.	4.7	5
111	On the design of a versatile ionic liquid, AOBH-DEHP, which can be used as a new molecular probe to investigate supramolecular assemblies. <i>Dyes and Pigments</i> , 2017, 138, 68-76.	3.7	5
112	Polyclonal antibody production anti Pc_312-324 peptide. Its potential use in electrochemical immunosensors for transgenic soybean detection. <i>Bioelectrochemistry</i> , 2020, 131, 107397.	4.6	5
113	Spontaneous formation of unilamellar vesicles based on the surfactant 1-methylimidazolium bis-(2-ethylhexyl) phosphate, evaluated as a function of pH and in saline solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125435.	4.7	5
114	Probing the microenvironment of unimicelles constituted of amphiphilic hyperbranched polyethyleneimine using 1-methyl-8-oxyquinolinium betaine. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13458-13464.	2.8	4
115	Characterization of a label system formed by large unilamellar vesicles for its potential use in the design of electrochemical biosensors. <i>Microchemical Journal</i> , 2018, 140, 105-113.	4.5	4
116	Vehiculization of noscapine in large unilamellar vesicles. Study of its protective role against lipid peroxidation by electrochemical techniques. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 26-32.	3.8	4
117	How the external solvent in biocompatible reverse micelles can improve the alkaline phosphatase behavior. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4969-4977.	2.8	4
118	A simple electrochemical immunosensor for sensitive detection of transgenic soybean protein CP4-EPSPS in seeds. <i>Talanta</i> , 2022, 237, 122910.	5.5	4
119	Monitoring the microenvironment inside polymeric micelles using the fluorescence probe 6-propionyl-2-dimethylaminonaphthalene (PRODAN). <i>Journal of Molecular Liquids</i> , 2021, 343, 117552.	4.9	4
120	Understanding Metallic Nanoparticles Stabilization in Water by Imidazolium Salts: A Complete Physicochemical Study. <i>ChemistrySelect</i> , 2020, 5, 11264-11271.	1.5	3
121	New Insights into the Catalytic Activity and Reusability of Water-Soluble Silver Nanoparticles. <i>ChemistrySelect</i> , 2021, 6, 7436-7442.	1.5	3
122	Is it Necessary for the Use of Fluorinated Compounds to Formulate Reverse Micelles in a Supercritical Fluid? Searching the Best Cosurfactant to Create "Green" AOT Reverse Micelle Media. <i>Langmuir</i> , 2021, 37, 445-453.	3.5	3
123	Reply to "Comment on "An Interesting Case Where Water Behaves as a Unique Solvent. 4-Aminophthalimide Emission Profile to Monitor Aqueous Environment"™". <i>Journal of Physical Chemistry B</i> , 2013, 117, 5389-5391.	2.6	2
124	Electrochemical Methodology as an Useful Tool for the Interfacial Characterization of Aqueous Reverse Micelles. <i>ChemistrySelect</i> , 2019, 4, 14309-14314.	1.5	2
125	Piroxicam-Loaded Nanostructured Lipid Nanocarriers Modified with Salicylic Acid: The Effect on Drug Release. <i>ChemistrySelect</i> , 2020, 5, 804-809.	1.5	2
126	Binding Constant of Amines to Water/AOT/n-Hexene Reverse Micelles. Influence of the Chemical Structure. <i>Molecules</i> , 2000, 5, 512-513.	3.8	1



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127	The Use of AOBHâ€DEHP Molecular Probe to Characterize BHDC Reverse Micelles Interfaces. Insights on the Interfacial Water Structure. ChemistrySelect, 2017, 2, 2880-2887.	1.5	1
128	Spectroscopic characterization and general features of piroxicam encapsulated in nanostructured lipid carriers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126340.	4.7	1
129	On the Investigation of the Dropletâ€“Droplet Interactions of Sodium 1,4â€Bis(2â€Ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis (Eur. J. Inorg. Chem. 27/2014). European Journal of Inorganic Chemistry, 2014, 2014,.	2.0	0
130	Noscapineâ€Loaded Nanostructured Lipid Carriers as a Potential Topical Delivery to Bovine Mastitis Treatment. ChemistrySelect, 2020, 5, 5922-5927.	1.5	0
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